

B Positions, Distances, Directions, Compass

Geographical Positions				
1	Lat	Latitude	Lat	
2	Long	Longitude	Long	
3		International meridian (Greenwich)		
4	°	Degree(s)	°	
5	'	Minute(s) of arc	'	
6	"	Second(s) of arc	"	
7	PA	Position approximate	PA	
8	PD	Position doubtful	PD	
9	N	North, Northern	N	
10	E	East, Eastern	E	
11	S	South, Southern	S	
12	W	West, Western	W	
13	NE	Northeast	NE	
14	SE	Southeast	SE	
15	NW	Northwest	NW	
16	SW	Southwest	SW	
Control Points				
20	△	Triangulation point	△	
21	⊕ Obs Spot	Observation spot	⊕	
22	⊙	Fixed point	⊙	
23	◦ BM	Benchmark	⌵	
24	◇ Bdy Mon	Boundary mark		
Symbolized Positions (Examples)				
30		# 18 Wk (PA)	Symbols in plan: position is center of primary symbol	⊕ # 18 Wk (PA)
31		↓ P	Symbols in profile: position is at bottom of symbol	⌵ ↓ P ⌵
32	⊙		Point symbols (accurate positions)	◦ Mast ⊙ MAST ☆
33	◦		Approximate position	◦ Mast PA


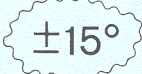
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Units			Supplementary national symbols: a – m	
40	km	Kilometer(s)	km	
41	m	Meter(s)	m	
42	dm	Decimeter(s)	dm	
43	cm	Centimeter(s)	cm	
44	mm	Millimeter(s)	mm	
45	M, Mi, NMi, NM	Nautical mile(s) (1852 m) or sea mile(s)	M	
46	cbl	Cable(s) length		
47	ft	Foot/feet	ft	
48	fm, fms	Fathom(s)		
49	h, hr	Hour	h	
50	m, min	Minute(s) of time	m	min
51	s, sec	Second(s) of time	s	sec
52	kn	Knot(s)	kn	
53	t	Ton(s) (metric ton equals 2,204.6 lbs)	t	
54	cd	Candela (new candle)	cd	
Magnetic Compass			Supplementary national symbols: n	
60	var VAR	Variation		
61	mag	magnetic		
62	brg	Bearing		
63	T	true		
64		decreasing		
65		increasing		
66		Annual change		
67	dev	Deviation		
68.1		Note of magnetic variation, in position	Magnetic Variation 4°31'W 1995 (8'E)	
68.2		Note of magnetic variation, out of position	Magnetic Variation at 55°N 8°W 4°31'W 1995 (8'E)	

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70	<div>Compass rose, normal pattern (smaller patterns of compass rose may be used)</div> <div><p>Magnetic Variation (example): 4°15' W 1997 (8' E) on magnetic north arrow means Magnetic Variation 4°15' W in 1997, annual change 8' E (i.e. magnetic variation decreasing 8' annually).</p></div>
	<div>True north compass rose</div> <div></div>
71	<div>Isogonic lines</div> <div><p>Magnetic Variation Curves are for 1997</p><p>The Magnetic Variation is shown in degrees, followed by the letter W or E, as appropriate, at certain positions on the curves. The annual change is expressed in minutes with the letter W or E and is given in brackets, immediately following the variation.</p></div>

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82.1		Local magnetic disturbance Within the enclosed area the magnetic variation may deviate from the normal by the value shown	
82.2	Local Magnetic Disturbance (see Note)	Where the area affected cannot be easily defined, a legend only is shown at the position	Local Magnetic Anomaly (see Note)
Supplementary National Symbols			
a	m ²	Square meter	
b	m ³	Cubic meter	
c	in, ins	Inch(es)	
d	yd, yds	Yard(s)	
e	St M, St Mi	Statute mile	
f	μsec, μs	Microsecond	
g	Hz	Hertz	
h	kHz	Kilohertz	
i	MHz	Megahertz	
j	cps, c/s	Cycles/second	
k	kc	Kilocycle	
l	Mc	Megacycle	
m	T	Ton (U.S. short ton equals 2,000 lbs)	
n	deg	Degree (s)	